



Rce/2816

REQUEST FOR CONTINUED EXAMINATION (RCE) TRANSMITTAL Subsection (b) of 35 U.S.C. § 132, effective on May 29, 2000, provides for continued examination of an utility or plant application filed on or after June 8, 1995. See The American Inventors Protection Act of 1999 (AIPA).	Application Number	09/560,121
	Filing Date	April 28, 2000
	First Named Inventor	Todd A. Merritt
	Group Art Unit	2816
	Examiner Name	Jung Kim
	Attorney Docket Number	303.626US1

This is a Request for Continued Examination (RCE) under 37 C.F.R. § 1.114 of the above-identified application entitled HIGH OUTPUT HIGH EFFICIENCY LOW VOLTAGE CHARGE PUMP.

Submission required under 37 C.F.R. § 1.114

1. ☐ Consider the amendment(s)/reply under 37 C.F.R. § 1.116 previously filed on ☐
2. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on ☐
3. ☒ An Amendment Under 37 CFR § 1.116 (8 pages) is enclosed.
4. ☐ A new power of attorney (pages) is enclosed.
5. ☒ An Information Disclosure Statement is enclosed (1 page)
 - a. 1 Form(s) 1449
 - b. 6 Copies of IDS Citations
6. ☒ A check in the amount of \$740.00 is attached to pay the RCE filing fee required under C.F.R. § 1.114(e).
7. ☒ The Commissioner is hereby authorized to credit overpayments or charge any fees set forth in 37 C.F.R. §§ 1.16 through 1.18 to Deposit Account No. 19-0743.
8. ☐ A petition for extension of time in the prior application (pages) is enclosed along with a check in the amount of \$ to pay the extension fee.
9. ☒ Other: A Clean Version of Pending Claims (25 pages)

#5/RCE
1/17/02
J. Smith
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JAN 16 2002
FC 2800 MAIL ROOM

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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, Box RCE, Washington, D.C. 20231, on this 17 day of December, 2001.

Name Tina Rygh

Signature [Signature]

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EXPEDITED PROCEDURE - EXAMINING GROUP 2816

#7/B

PATENT

S/N 09/560,121

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Todd A. Merritt
Serial No.: 09/560,121
Filed: April 28, 2000
Title: HIGH OUTPUT HIGH EFFICIENCY LOW VOLTAGE CHARGE PUMP

Examiner: Jung Kim
Group Art Unit: 2816
Docket: 303.626US1

11/17/02

[Signature]

AMENDMENT & RESPONSE UNDER 37 C.F.R. § 1.116

Box AF
Commissioner for Patents
Washington, D.C. 20231

In response to the Final Office Action mailed October 16, 2001, please amend the application as follows:

IN THE CLAIMS

Please substitute the claim set in the appendix entitled Clean Version of Pending Claims for the previously pending claim set. The substitute claim set is intended to reflect amendment of previously pending claims 1, 2, 26, 28, 29, 31, and 33, and addition of new claim 42. The specific amendments to individual claims are detailed in the following marked up set of claims.

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1. (Twice Amended) A charge pump, comprising:
a plurality of phase generators;
first and second preboot capacitors coupled to the plurality of phase generators;
first and second main pump capacitors coupled to the plurality of phase generators, and
the first and second preboot capacitors, respectively;
first and second pre-boot pre-charge capacitors coupled [between the first and second
main pump capacitors and] to the first and second preboot capacitors; and
first and second gating devices coupled to the first and second main pump capacitors,
respectively.
2. (Twice Amended) [The charge pump of claim 1,] A charge pump, comprising:
a plurality of phase generators;